

Ilker Ozgen

Software Engineer

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I am a recent graduate of Bilkent University with a degree in Computer Science. I have developed expertise in various programming languages and technologies, including Python, Java, C/C++, HTML, CSS, JavaScript, React JS, and SQL. My passion lies in programming, data science, machine learning, and problem-solving, driving me to continuously learn and apply my skills to impactful projects.

AREAS OF EXPERTISE

- Python
- Java
- C/C++
- HTML & CSS
- JavaScript
- React JS
- SQL
- Full-Stack Development
- Machine Learning

PROFESSIONAL EXPERIENCE

HEY TECHNOLOGY

Software Engineer Intern

ODTU Teknokent, Ankara, Turkiye

June 2023–July 2023

- Worked in the data science and machine learning departments
- Was responsible for preparing the datasets
- Trained machine learning and deep learning models
- Worked on a model that predicts the U.S. cotton export rates to different countries
- Worked on a model that predicts possible future malfunctions and defects in the machines of a factory, using the vibration frequency of the machines

KONNEKA

Software Engineer Intern

Bilkent CYBERPARK, Ankara, Turkiye

August 2022–September 2022

- Worked in various departments, including software development, testing, and IT support
- Was responsible for the ESXi servers of the company
- Managed the virtual machines on the servers
- Performed several tests on SandBox, the main product of the company
- Worked in the front-end development of SandBox

EDUCATION

BILKENT UNIVERSITY

Bachelor of Science, Computer Science

Ankara, Turkiye

2019-2024

YALVAC SCIENCE HIGH SCHOOL

High School Diploma

Isparta, Turkiye

2015-2019

LANGUAGES

- Turkish, *Native*
- English, *Highly Proficient*

PROJECTS

AnnoHub

[Project Website](#)

September 2023-present

AnnoHub is an innovative data labeling platform designed for public use, allowing freelancers to annotate data and users to publish their datasets for annotation either publicly or privately. Our project has received significant recognition, winning an entrepreneurship award and attracting investment offers. We are currently in the process of establishing a startup to further develop and expand AnnoHub.

Browsify

[Project Website](#)

November 2023-December 2023

Browsify is a web browser focused on enhancing bookmark capabilities. It includes all the basic functionalities of a browser along with advanced features for managing bookmarks. The UI is customizable to ensure a user-friendly experience.

Image Inpainting with CNN

[Project Website](#)

November 2023-December 2023

In this project, a convolutional neural network (CNN) is designed and trained for image inpainting using the CIFAR-100 dataset. Inpainting refers to the process of filling in missing parts of an image. The dataset consists of RGB real-life images with a resolution of 28x28 pixels, which have been preprocessed for this task.

Digit Image Classifier

[Project Website](#)

October 2023-November 2023

This project is divided into two main parts: PCA Analysis and Logistic Regression Classification. The objective is to analyze the MNIST dataset and classify digit images using Multinomial Logistic Regression.

BBC News Classifier

[Project Website](#)

September 2023-September 2023

The BBC News Classification project involves training and evaluating various Naive Bayes models on a dataset of BBC news articles. The project includes a Multinomial Naive Bayes model with additive smoothing and a Bernoulli Naive Bayes classifier.

To-Do List App

[Project Website](#)

April 2023-April 2023

ToDoListApp is a generic, web-based To-Do List application that allows users to manage their tasks efficiently. It is designed to help users keep track of their to-dos and ensure that nothing gets forgotten.

ToEra

[Project Website](#)

September 2022-December 2022

ToEra is a web application that is designed for regulating Erasmus applications at Bilkent University. The aim is to minimize the use of mailing and other inefficient methods of communication.

AWARDS & CERTIFICATIONS

- [High Honour Certificate](#)
- [Certificate of Proficiency in Academic English](#)
- [Python Programming Bootcamp](#)
- [Intro to Machine Learning](#)
- [Python Course Certificate](#)
- [Python for Finance Course Certificate](#)
- [C++ Course Certificate](#)
- [WEB3 Zirvesi](#)
- [Java Developer Course Certificate](#)
- [HTML & CSS Course Certificate](#)
- [CSS & JavaScript Course Certificate](#)
- [Python \(Basic\) Certificate](#)
- [Problem Solving \(Basic\) Certificate](#)
- [Java \(Basic\) Certificate](#)